

08/15/01

1133 U.S. PTO

08-17-01

A
Box 299Please type a plus sign (+) inside this box → ☐PTO/SB/05 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	ICC-102.2 (81175)
First Inventor	Ashley J. Birkett
Title	Immunogenic HBc Chimera Particles Having Enhanced Stability
Express Mail Label No.	EL617901606US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **205**]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **10**]
5. Oath or Declaration [Total Pages ☐
a. ☐ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☒ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☒ paper
- c. ☒ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☒ Other: Unexecuted Declaration and Power of Attorney
Certificate of Express Mail

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: **60/225,843 and 60/226,867**

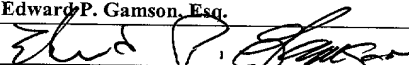
Prior application information: Examiner **None**Group / Art Unit **None**

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Labelor ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Edward P. Gamson, Esq. WELSH & KATZ, LTD.				
Address	120 South Riverside Plaza 22nd Floor				
City	Chicago	State	Illinois	Zip Code	60606
Country	Cook	Telephone	(312) 655-1500	Fax	(312) 655-1501

Name (Print/Type)	Edward P. Gamson, Esq.	Registration No. (Attorney/Agent)	29,381
Signature		Date	8/15/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Ashley J. Birkett**

Docket No.

ICC-102.2 (81175)

Serial No.

Unknown

Filing Date

August 15, 2001

Examiner

Unknown

Group Art Unit

Unknown

Invention: **IMMUNOGENIC HBc CHIMER PARTICLES HAVING ENHANCED STABILITY**I hereby certify that this **Transmittal Letter, Fee Sheet, Patent Application and it's stated enclosures***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under
37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.

20231-0001 on **August 15, 2001***(Date)***Anissa Johnson***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EL617901606US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number	Unknown
Filing Date	August 15, 2001
First Named Inventor	Ashley J. Birkett
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	ICC-102.2 (81175)

TOTAL AMOUNT OF PAYMENT \$2,660.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **23-0920**

Deposit Account Name **Welsh & Katz, Ltd.**

- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

- ☐ Applicant claims small entity status. See 37 CFR § 1.27

2. ☒ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		101	710	201 355 Utility filing fee	710.00
		106	320	206 160 Design filing fee	
		107	490	207 245 Plant filing fee	
		108	710	208 355 Reissue filing fee	
		114	150	214 75 Provisional filing fee	
SUBTOTAL (1)					710.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
115	-20** = 95	18.00	1,710.00
Independent Claims	6 - 3** = 3	80.00	240.00
Multiple Dependent			

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
		103	18	203 9 Claims in excess of 20
		102	80	202 40 Independent claims in excess of 3
		104	270	204 135 Multiple dependent claim, if not paid
		109	80	209 40 ** Reissue independent claims over original patent
		110	18	210 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$1,950.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES


Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		105	130	205 65 Surcharge - late filing fee or oath	
		127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
		139	130	139 130 Non - English specification	
		147	2,520	147 2,520 For filing a request for <i>ex parte</i> reexamination	
		112	920*	112 920* Requesting publication of SIR prior to Examiner action	
		113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
		115	110	215 55 Extension for reply within first month	
		116	390	216 195 Extension for reply within second month	
		117	890	217 445 Extension for reply within third month	
		118	1,390	218 695 Extension for reply within fourth month	
		128	1,890	228 945 Extension for reply within fifth month	
		119	310	219 155 Notice of Appeal	
		120	310	220 155 Filing a brief in support of an appeal	
		121	270	221 135 Request for oral hearing	
		138	1,510	138 1,510 Petition to institute a public use proceeding	
		140	110	240 55 Petition to revive - unavoidable	
		141	1,240	241 620 Petition to revive - unintentional	
		142	1,240	242 620 Utility issue fee (or reissue)	
		143	440	243 220 Design issue fee	
		144	600	244 300 Plant issue fee	
		122	130	122 130 Petitions to the Commissioner	
		123	50	123 50 Processing fee under 37 CFR § 1.17(q)	
		126	180	126 180 Submission of Information Disclosure Statement	
		581	40	581 40 Recording each patent assignment per property (times number of properties)	
		146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
		149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
		179	710	279 355 Request for Continued Examination (RCE)	
		169	900	169 900 Request for expedited examination of a design application	
Other fee (specify)					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

SUBMITTED BY

Name (Print/Type) **Edward P. Gamson, Esq.**

Signature 

Registration No. **29,381**

(Attorney/Agent)

Complete (if applicable)

Telephone **(312) 655-1500**

Date **8/15/01**

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ashley J. Birkett)	
Serial No.: Unknown)	Attorney Docket:
)	
Filing Date: August 15, 2001)	ICC-102.2
)	(4564/81175)
)	
For: IMMUNOGENIC HBc CHIMER PARTICLES)	
HAVING ENHANCED STABILITY)	Group Art Unit:
)	Unknown
Examiner: Unknown)	

STATEMENT UNDER 37 CFR § 1.821(f)

Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Sir:


I hereby state that the enclosed computer readable form of the Sequence Listing (file: ICC-1022.app in ASCII format copied onto the accompanying diskette from PatentIn Ver. 2.0 on this date) and the paper copy of the Sequence Listing (pages 1 through 75) forming a part of the disclosure of the invention filed herewith on this day are identical.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false

New CIP Patent Application -2-
Ashley J. Birkett

statements may jeopardize the validity of the application or
any patent issued thereon.

Respectfully submitted,

By 
Edward P. Gamson, Reg. No. 29,381

Enclosures
Computer Readable Disk
Patent Application and Fee
Unexecuted Declaration and Power of Attorney
Transmittal Letter
Fee Sheet

WELSH & KATZ, LTD.
120 South Riverside Plaza, 22nd Floor
Chicago, Illinois 60606
Phone (312) 655-1500
Fax No. (312) 655-1501

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this Statement, together with
a Computer readable disk, Transmittal Letter and its stated
enclosures and Patent Application and Fee, are being deposited
with the United States Postal Service as Express Mail Label
No. EL617901606US, postage prepaid, in an envelope addressed
to: Assistant Commissioner for Patents, Box Patent
Application, Washington, D.C. 20231 on August 15, 2001.

